ELSEVIER

Toxicology Letters 144 (2003) I–III

Toxicology Letters

www.elsevier.com/locate/toxlet

Author index

Volume 144 (2003)

Adonis, M., V. Martínez, R. Riquelme, P. Ancic, G. González, R. Tapia, M. Castro, D. Lucas, F. Berthou, L. Gil, Susceptibility and exposure biomarkers in people exposed to PAHs from diesel exhaust **144**, 3
Aizu, W., K. Guda, P. Nambiar, T. Xin, M. Thibodeau, D.W. Rosenberg, C. Giardina, p53 and its co-activator p300 are inversely regulated in the mouse colon in response to carcinogen **144**, 213
Albores, A., Preface **144**, 1
Albores, A., see González-Jasso, E. **144**, 55
Albores, A., see Oropeza-Hernández, L.F. **144**, 105
Albores, A., see Oropeza-Hernández, L.F. **144**, 93
Altamirano-Lozano, M., see Rodríguez-Mercado, J.J. **144**, 359
An, L., see Yu, X. **144**, 205
Ancic, P., see Adonis, M. **144**, 3
Apostoli, P., A. Mangili, S. Carasi, M. Manno, Relationship between PCBs in blood and D-glucaric acid in urine **144**, 17
Apostoli, P., G. Neri, D. Lucas, M. Manno, F. Berthou, Influence of genetic polymorphisms of CYP1A1 and GSTM1 on the urinary levels of 1-hydroxypyrene **144**, 27
Aracena, R., see Irarrázabal, C.E. **144**, 69

Bajt, M.L., see Jaeschke, H. **144**, 279
Baliga, M.S., see Jagetia, G.C. **144**, 183
Barroso-Moguel, R., see Méndez-Armenta, M. **144**, 151
Berthou, F., see Adonis, M. **144**, 3
Berthou, F., see Apostoli, P. **144**, 27
Berthou, F., see González-Jasso, E. **144**, 55
Berthou, F., see Le Gal, A. **144**, 77
Bortolato, S., A. Zanovello, M. Rugge, M. Brotto, S. Marini, P.G. Gervasi, M. Manno, Trifluoroacetylated proteins in liver and plasma of guinea pigs treated with HCFC-123 and halothane **144**, 35
Brain, R.A., see Sanderson, H. **144**, 383
Brotto, M., see Bortolato, S. **144**, 35
Brown, K.M., see Papaconstantinou, A.D. **144**, 257

Carasi, S., see Apostoli, P. **144**, 17
Casteleyn, L., see Van Damme, K. **144**, 117
Castro, M., see Adonis, M. **144**, 3
Chan, P.C., J.K. Haseman, J.D. Prejean, A. Nyska, Toxicity and carcinogenicity of riddelliine in rats and mice **144**, 295
Cho, M.K., see Kim, S.C. **144**, 325
Cho, S.-D., J.-H. Kim, D.-Y. Kim, Y.-S. Lee, K.-S. Kang, Prevalidation study for OECD enhanced test guideline 407 protocol by gavage for 4 weeks using propylthiouracil and tamoxifen **144**, 195
Chvalova, K., see Loikkanen, J. **144**, 235
Csanády, G.A., see Filser, J.G. **144**, 273

Dekant, W., Biosynthesis of toxic glutathione conjugates from halogenated alkenes **144**, 49
Dekant, W., see Oropeza-Hernández, L.F. **144**, 105
Dietrich, M.O., see Farina, M. **144**, 351
Dréano, Y., see Le Gal, A. **144**, 77

Farina, M., M.E.S. Frizzo, F.A.A. Soares, F.D. Schwalm, M.O. Dietrich, G. Zeni, J.B.T. Rocha, D.O. Souza, Ebselen protects against methylmercury-induced inhibition of glutamate uptake by cortical slices from adult mice **144**, 351
Ferrara, R., see Zanovello, A. **144**, 127
Filser, J.G., W. Kessler, G.A. Csanády, Response to letter to editor **144**, 273
Frizzo, M.E.S., see Farina, M. **144**, 351

Gadjeva, V., G. Lazarova, A. Zheleva, Spin labeled antioxidants protect bacteria against the toxicity of alkylating antitumor drug CCNU **144**, 289
Gao, C., see Yu, X. **144**, 205
García-Latorre, E.A., see Oropeza-Hernández, L.F. **144**, 105
Giardina, C., see Aizu, W. **144**, 213
Gil, L., see Adonis, M. **144**, 3
Gil, L., see Irarrázabal, C.E. **144**, 69
Giovanni G.P., see Bortolato, S. **144**, 35
Goering, P.L., see Papaconstantinou, A.D. **144**, 257
González, G., see Adonis, M. **144**, 3
González-Jasso, E., T. López, D. Lucas, F. Berthou, M. Manno, A. Ortega, A. Albores, CYP2E1 regulation by benzene and other small organic chemicals in rat liver and peripheral lymphocytes **144**, 55
Guda, K., see Aizu, W. **144**, 213

Hansen, L.G., see Khan, M.A. **144**, 173
Hansson, S.O., see Rudén, C. **144**, 159
Haseman, J.K., see Chan, P.C. **144**, 295

Irarrázabal, C.E., C. Rojas, R. Aracena, C. Márquez, L. Gil, Chilean pilot study on the risk of lung cancer associated with codon 72 polymorphism in the gene of protein p53 **144**, 69
Iwanari, M., see Nakajima, M. **144**, 247

Jaeschke, H., see Li, C. **144**, 397
Jaeschke, H., T.R. Knight, M.L. Bajt, The role of oxidant stress and reactive nitrogen species in acetaminophen hepatotoxicity **144**, 279
Jagetia, G.C., M.S. Baliga, P. Venkatesh, Effect of Sapthaparna (*Alstonia scholaris* Linn) in modulating the benzo(*a*)pyrene-induced forestomach carcinogenesis in mice **144**, 183
Jiménez-Capdeville, M.E., see Méndez-Armenta, M. **144**, 151
Johnson, D.J., see Sanderson, H. **144**, 383

Kang, K.-S., see Cho, S.-D. **144**, 195
Kano, I., see Yokoyama, Y. **144**, 371
Kano, K., see Yokoyama, Y. **144**, 371
Kessler, W., see Filser, J.G. **144**, 273
Khan, M.A., L.G. Hansen, *ortho*-Substituted polychlorinated biphenyl (PCB) congeners (95 or 101) decrease pituitary response to thyrotropin releasing hormone **144**, 173
Kim, D.-Y., see Cho, S.-D. **144**, 195
Kim, J.-H., see Cho, S.-D. **144**, 195
Kim, S.C., M.K. Cho, S.G. Kim, Cadmium-induced non-apoptotic cell death mediated by oxidative stress under the condition of sulfhydryl deficiency **144**, 325
Kim, S.G., see Kim, S.C. **144**, 325
Knight, T.R., see Jaeschke, H. **144**, 279

Lazarova, G., see Gadjeva, V. **144**, 289
Lee, Y.-S., see Cho, S.-D. **144**, 195
Le Gal, A., Y. Dréano, D. Lucas, F. Berthou, Diversity of selective environmental substrates for human cytochrome P450 2A6: alkoxyethers, nicotine, coumarin, *N*-nitrosodiethylamine, and *N*-nitrosobenzylmethylamine **144**, 77
Li, C., J. Liu, M.P. Waalkes, H. Jaeschke, Gene array analysis of the hepatic response to endotoxin in glutathione peroxidase-deficient mice **144**, 397
Liu, J., see Li, C. **144**, 397
Loikkanen, J., K. Chvalova, J. Naarala, K.H. Vähäkangas, K.M. Savolainen, Pb^{2+}-induced toxicity is associated with p53-independent apoptosis and enhanced by glutamate in GT1–7 neurons **144**, 235
López, T., see González-Jasso, E. **144**, 55
López-Aparicio, P., see Sánchez-Alonso, J.A. **144**, 337
López-Romero, R., see Oropeza-Hernández, L.F. **144**, 93
Lu, W.-q., see Wu, X.-j. **144**, 143
Lucas, D., see Adonis, M. **144**, 3
Lucas, D., see Apostoli, P. **144**, 27
Lucas, D., see González-Jasso, E. **144**, 55
Lucas, D., see Le Gal, A. **144**, 77

Mangili, A., see Apostoli, P. **144**, 17
Manno, M., Preface **144**, 1
Manno, M., see Apostoli, P. **144**, 17
Manno, M., see Apostoli, P. **144**, 27
Manno, M., see Bortolato, S. **144**, 35
Manno, M., see González-Jasso, E. **144**, 55
Manno, M., see Oropeza-Hernández, L.F. **144**, 105
Manno, M., see Zanovello, A. **144**, 127
Marini, S., see Bortolato, S. **144**, 35
Márquez, C., see Irarrázabal, C.E. **144**, 69
Martínez, V., see Adonis, M. **144**, 3
Méndez-Armenta, M., J. Villeda-Hernández, R. Barroso-Moguel, C. Nava-Ruíz, M.E. Jiménez-Capdeville, C. Ríos, Brain regional lipid peroxidation and metallothionein levels of developing rats exposed to cadmium and dexamethasone **144**, 151
Mersch-Sundermann, V., see Wu, X.-j. **144**, 143

Naarala, J., see Loikkanen, J. **144**, 235
Nakajima, M., M. Iwanari, T. Yokoi, Effects of histone deacetylation and DNA methylation on the constitutive and TCDD-inducible expressions of the human CYP1 family in MCF-7 and HeLa cells **144**, 247
Nambiar, P., see Aizu, W. **144**, 213
Nava-Ruíz, C., see Méndez-Armenta, M. **144**, 151
Neri, G., see Apostoli, P. **144**, 27
Nyska, A., see Chan, P.C. **144**, 295

Oehme, F.W., Protocols in Mutagenesis. Handbook for Lab Use, Volume 1: Edited by K. Sankaranarayanan, L.R. Ferguson, J.M. Gentile. Guest Editor G. Krishna, Elsevier, PO Box 211, 1000 AE Amsterdam, The Netherlands; in the USA/Canada Elsevier, PO Box 945, Madison Square Station, New York, NY 10159-0945, 2000. 215 pp.; 105 Euro or USD **144**, 407
Okubo, T., see Yokoyama, Y. **144**, 371
Oropeza-Hernández, L.F., B. Quintanilla-Vega, R.A. Reyes-Mejía, C.J. Serrano, E.A. García-Latorre, W. Dekant, M. Manno, A. Albores, Trifluoroacetylated adducts in spermatozoa, testes, liver and plasma and CYP2E1 induction in rats after subchronic inhalatory exposure to halothane **144**, 105
Oropeza-Hernández, L.F., R. López-Romero, A. Albores, Hepatic CYP1A, 2B, 2C, 2E and 3A regulation by methoxychlor in male and female rats **144**, 93
Ortega, A., see González-Jasso, E. **144**, 55

Papaconstantinou, A.D., P.L. Goering, T.H. Umbreit, K.M. Brown, Regulation of uterine hsp90α, hsp72 and HSF-1 transcription in B6C3F1 mice by β-estradiol and bisphenol A: involvement of the estrogen receptor and protein kinase C **144**, 257
Parkes, J.G., D.M. Templeton, Modulation of stellate cell proliferation and gene expression by rat hepatocytes: effect of toxic iron overload **144**, 225
Pérez-Albarsanz, M.A., see Sánchez-Alonso, J.A. **144**, 337
Prejean, J.D., see Chan, P.C. **144**, 295

Quintanilla-Vega, B., see Oropeza-Hernández, L.F. **144**, 105

Rappaport, S.M., R. Tornero-Velez, Letter to the editor **144**, 271

Recio, M.N., see Sánchez-Alonso, J.A. **144**, 337
Ren, S., Phenol mechanism of toxic action classification and prediction: a decision tree approach **144**, 313
Reyes-Mejía, R.A., see Oropeza-Hernández, L.F. **144**, 105
Riquelme, R., see Adonis, M. **144**, 3
Rocha, J.B.T., see Farina, M. **144**, 351
Rodríguez-Mercado, J.J., E. Roldán-Reyes, M. Altamirano-Lozano, Genotoxic effects of vanadium(IV) in human peripheral blood cells **144**, 359
Rojas, C., see Irarrázabal, C.E. **144**, 69
Roldán-Reyes, E., see Rodríguez-Mercado, J.J. **144**, 359
Ríos, C., see Méndez-Armenta, M. **144**, 151
Rosenberg, D.W., see Aizu, W. **144**, 213
Rudén, C., S.O. Hansson, How accurate are the European Union's classifications of chemical substances **144**, 159
Rugge, M., see Bortolato, S. **144**, 35

Sánchez-Alonso, J.A., P. López-Aparicio, M.N. Recio, M.A. Pérez-Albarsanz, Apoptosis-mediated neurotoxic potential of a planar (PCB 77) and a nonplanar (PCB 153) polychlorinated biphenyl congeners in neuronal cell cultures **144**, 337
Sanderson, H., D.J. Johnson, C.J. Wilson, R.A. Brain, K.R. Solomon, Probabilistic hazard assessment of environmentally occurring pharmaceuticals toxicity to fish, daphnids and algae by ECOSAR screening **144**, 383
Sato, S., see Yokoyama, Y. **144**, 371
Savolainen, K.M., see Loikkanen, J. **144**, 235
Schwalm, F.D., see Farina, M. **144**, 351
Serrano, C.J., see Oropeza-Hernández, L.F. **144**, 105
Soares, F.A.A., see Farina, M. **144**, 351
Solomon, K.R., see Sanderson, H. **144**, 383
Souza, D.O., see Farina, M. **144**, 351

Tapia, R., see Adonis, M. **144**, 3
Templeton, D.M., see Parkes, J.G. **144**, 225
Thibodeau, M., see Aizu, W. **144**, 213
Tornero-Velez, R., see Rappaport, S.M. **144**, 271

Umbreit, T.H., see Papaconstantinou, A.D. **144**, 257

Vähäkangas, K.H., see Loikkanen, J. **144**, 235
Van Damme, K., L. Casteleyn, Current scientific, ethical and social issues of biomonitoring in the European Union **144**, 117
Venkatesh, P., see Jagetia, G.C. **144**, 183
Villeda-Hernández, J., see Méndez-Armenta, M. **144**, 151

Waalkes, M.P., see Li, C. **144**, 397
Wang, Y., see Yu, X. **144**, 205
Wilson, C.J., see Sanderson, H. **144**, 383
Wu, X.-j., W.-q. Lu, V. Mersch-Sundermann, Benzo(a)pyrene induced micronucleus formation was modulated by persistent organic pollutants (POPs) in metabolically competent human HepG2 cells **144**, 143

Xin, T., see Aizu, W. **144**, 213

Yokoi, T., see Nakajima, M. **144**, 247
Yokoyama, Y., T. Okubo, I. Kano, S. Sato, K. Kano, Induction of apoptosis by mono(2-ethylhexyl)phthalate (MEHP) in U937 cells **144**, 371
Yu, X., L. An, Y. Wang, H. Zhao, C. Gao, Neuroprotective effect of *Alpinia oxyphylla* Miq. fruits against glutamate-induced apoptosis in cortical neurons **144**, 205

Zanovello, A., R. Ferrara, M. Manno, Reductive activation of HCFC-123 by methaemalbumin **144**, 127
Zanovello, A., see Bortolato, S. **144**, 35
Zeni, G., see Farina, M. **144**, 351
Zhao, H., see Yu, X. **144**, 205
Zheleva, A., see Gadjeva, V. **144**, 289

ELSEVIER

Toxicology Letters 144 (2003) V–VI

Toxicology Letters

www.elsevier.com/locate/toxlet

Subject index

Volume 144 (2003)

Acetaminophen **144**, 279
Alpinia oxyphylla **144**, 205
Alstonia scholaris **144**, 183
Antigenotoxicity **144**, 143
Antioxidants **144**, 289
Apoptosis **144**, 205, 279, 325, 337, 371
Aroclor-1254 **144**, 143
Arteritis **144**, 295
Aryl hydrocarbon receptor **144**, 247
Azoxymethane **144**, 213

Bax **144**, 371
Bcl-2 **144**, 371
Benzene **144**, 55
Benzo(*a*)pyrene **144**, 183
Benzo(a)pyrene **144**, 143
Biomonitoring **144**, 117
Bisphenol A **144**, 257

Cadmium **144**, 151, 325
Cancer **144**, 213
Carcinogenesis **144**, 183
Carcinogenicity **144**, 295
Caspase-3 **144**, 371
Caspase **144**, 235
Catalase **144**, 351
CCNU **144**, 289
Chromatin epigenetics **144**, 247
Classification **144**, 313
Classification and labelling **144**, 159
Cogenotoxicity **144**, 143
Collagen **144**, 225
Colon carcinogen **144**, 213
Cortical neuron **144**, 205
Cortical slices **144**, 351
Coumarin **144**, 77
CYP2A6 **144**, 77
CYP2E1 **144**, 55, 105
CYP regulation **144**, 93
Cytochrome P450 **144**, 35, 247
Cytochrome P450 1A1 **144**, 27
Cytotoxicity **144**, 325, 337

DDT **144**, 143
Decision tree **144**, 313
Dexamethasone **144**, 151
1,1-Dichloro-2,2,2-trifluoroethane **144**, 127
Diesel exhaust **144**, 3
DTIC **144**, 289

Ebselen **144**, 351
EC50 **144**, 383
E. coli **144**, 289
ECOSAR **144**, 383
Endotoxin **144**, 397
Enzyme induction **144**, 17
Enzyme kinetics **144**, 77
β-Estradiol **144**, 257
Estrogen receptor **144**, 257
Exclusion **144**, 117

Fibrosis **144**, 225
Forestomach papillomas **144**, 183

Gene array **144**, 397
Gene expression **144**, 247, 397
Genetic testing **144**, 117
D-Glucaric acid **144**, 17
Glutamate **144**, 205, 235
Glutamate uptake **144**, 351
Glutathione **144**, 351
Glutathione peroxidase **144**, 351
Glutathione *S*-conjugates **144**, 49
Glutathione-*S*-transferase M1 **144**, 27
Gpx1−/− mice **144**, 397

Haem **144**, 127
Haloalkenes **144**, 49
Halothane **144**, 35, 105, 127
Hazard quotients **144**, 383
HCFC-123 **144**, 35
Heat shock protein **144**, 257
Hemangiosarcoma **144**, 295
Hepatic stellate cell **144**, 225
Hepatocyte **144**, 225

HepG2 cells **144**, 143
HPT-axis **144**, 173
1-Hydroxypyrene **144**, 3, 27
Hypothalamus **144**, 173

Internucleosomal DNA fragmentation **144**, 235
Iron overload **144**, 225

Kidney **144**, 49

Lipid peroxidation **144**, 351
Liver **144**, 55
Liver cell necrosis **144**, 279
Liver CYP **144**, 93
Liver microsomes **144**, 35
LPO **144**, 151
Lung cancer risk **144**, 69
Lymphocytes **144**, 55

Mechanism **144**, 313
Metallothionein **144**, 151
Methaemalbumin **144**, 127
Methoxychlor **144**, 93
Methylmercury **144**, 351
Mice **144**, 295
Micronuclei **144**, 143, 183
Mis-classifications **144**, 159
Mitotic index **144**, 359
Mono(2-ethylhexyl)phthalate **144**, 371

Neuronal apoptosis **144**, 235
Neuronal cell cultures **144**, 337
Neuroprotection **144**, 205
Neurotoxicity **144**, 151
Nicotine **144**, 77
N-Nitrosobenzylmethylamine **144**, 77

Occupational health **144**, 117
OECD Test Guideline 407 **144**, 195
Organochlorine pesticides **144**, 93
ortho-PCBs **144**, 173
Oxidant stress **144**, 279

p300 **144**, 213
p53 **144**, 213, 235
PAHs **144**, 3
PARP **144**, 325
Pb^{2+} **144**, 235
PCB congeners **144**, 337
PCBs **144**, 337
p53 codon 72 **144**, 69
PCR–RFLP **144**, 69
Peroxisome proliferator-activated receptor gamma **144**, 371
Peroxynitrite **144**, 279
Pharmaceuticals **144**, 383
Phenol **144**, 313
Pituitary **144**, 173
Plasma **144**, 35
Polychlorinated biphenyls **144**, 17, 337
Polycyclic aromatic hydrocarbons **144**, 27
Polymorphism **144**, 3, 69
Probability **144**, 383
Propylthiouracil **144**, 195
Protein kinase C **144**, 257

Rats **144**, 295
Real-time RT-PCR **144**, 397
Regulatory toxicology **144**, 159
Replicative index **144**, 359
Riddelliine **144**, 295
Risk assessment **144**, 159
Risk management **144**, 159

S. aureus **144**, 289
Sex differences **144**, 93
Single cell gel electrophoresis **144**, 359
Sister chromatid exchanges **144**, 359
Social protection **144**, 117
Specificity **144**, 77
Spermatozoa **144**, 105
Spin labeled **144**, 289
Splenocytes **144**, 183
Sprague–Dawley rat **144**, 195
Standardization **144**, 117
Structural chromosome aberration **144**, 359
Substrates **144**, 77
Sulfhydryl deficiency **144**, 325

Tamoxifen **144**, 195
TFA adducts **144**, 105
TGF-β **144**, 225
Thyroid **144**, 173
Toluene **144**, 55
Toxaphene **144**, 143
Toxicity **144**, 49, 313
Transcriptional regulation **144**, 247
TRH **144**, 173
Trifluoroacetylated-proteins **144**, 35

Uterus **144**, 257

Vanadium **144**, 359